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Amdt. Dated Feb. 11, 2004

Reply to Office Action of Oct. 29, 2003

REMARKS

Claims 1 and 14 have been amended to having a core with a diameter ranging from 1.35 inches to 1.64 inches, support for which is found at paragraph [0040] of the Specification. Claims 1 and 14 have been amended to having a boundary layer with a thickness ranging from 0.025 inch to 0.0075 inch, support for which is found at paragraph [0041] of the Specification.

Claims 1, 5-11, 14-17 and 19 were rejected under 35 U.S.C. § 102(e) as being anticipated by Dewanjee et al (U.S. Patent Number 6,200,512). The present application claims priority to U.S. Patent Number 6,200,512 under 35 U.S.C. § 120 and thus, Applicants believe that any anticipation of a claim by U.S. Patent Number 6,200,512 is overcome by the claim of priority to U.S. Patent Number 6,200,512 under 35 U.S.C. §120. To the extent U.S. Patent Number 6,200,512 renders any claim obvious that cannot claim priority to U.S. Patent Number 6,200,512, Applicants believe that under 35 U.S.C. 103(C) since U.S. Patent Number 6,200,512 and the present application are owned by the same entity, Callaway Golf Company. Claims 1, 5-11, 14-17 and 19 were rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over the claims of U.S. Patent Number 6,200,512. A terminal disclaimer is field herewith for U.S. Patent Number 6,200,512.

Claims 1, 5-11, 14-17 and 19 were rejected under 35 U.S.C. § 102(a) as being anticipated by or obvious in view of Hwang (U.S. Patent Number 5,879,244). Hwang discloses use of bismuth in a golf ball. Bismuth is used to make the polymeric materials denser as the bismuth expands. Hwang discusses expansion during the formation of the

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core. The amended claims of the present application are limited to heating the core and boundary layer after they have been formed. Thus, Hwang does not disclose the invention of the amended claims.

It is believed that the remaining claims are now allowable. The Applicants therefore respectfully solicit a Notice of Allowance.

Respectfully submitted,

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